

WHAT IS CLAIMED IS:

- Sub B1*
1. An information processing apparatus comprising:
storage means for storing content data encrypted with
an encryption key;
holding means for holding management information
associated with said content data stored in said storage
means;
calculation means for performing a predetermined
calculation on the basis of said encryption key and
calculation information included in said management
information, said calculation information including update
information which is updated with predetermined timing;
memory means for storing the result of the calculation
performed by said calculation means; and
control means for comparing the result of the
calculation performed by said calculation means with a
previous calculation result stored in said memory means and
controlling use of said content data stored in said storage
means in accordance with the result of the comparison.
 2. An information processing apparatus according to
Claim 1, wherein said calculation means performs said
calculation by applying a hash function to said calculation
information and said encryption key.

3. An information processing apparatus according to
Claim 1, wherein:

 said content data is music data;
 said calculation information includes identification
information identifying said music data; and
 said holding means holds said update information in an
area which is not allowed to be read or written for a
general purpose.

4. An information processing method comprising the
steps of:

 storing content data encrypted with an encryption key;
 holding management information associated with said
content data stored in said storage step;
 performing a predetermined calculation on the basis of
said encryption key and calculation information included in
said management information, said calculation information
including update information which is updated with
predetermined timing;

 memory means for memorizing the result of the
calculation performed in said calculation step; and

 comparing the result of the calculation performed in
said calculation step with a previous calculation result
memorized in said memorizing step and controlling use of

said content data stored in said storage step in accordance with the result of the comparison.

5. A program storage medium on which a program is stored, said program including the steps of: storing content data encrypted with an encryption key;

holding management information associated with said content data stored in said storage step;

performing a predetermined calculation on the basis of said encryption key and calculation information included in said management information, said calculation information including update information which is updated with predetermined timing;

memory means for memorizing the result of the calculation performed in said calculation step; and

comparing the result of the calculation performed in said calculation step with a previous calculation result memorized in said memorizing step and controlling use of said content data stored in said storage step in accordance with the result of the comparison.

GOVERNMENT OF CANADA - CONFIDENTIAL